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EXPRESS MAIL LABEL NO. EL665884810US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re.: Patent Application of : Group Art Unit:
Wm. Carter Bullard :

Appln. No.: : Examiner:

Filed: :

Title: **NETWORK SERVICE ASSURANCE** : Attorney Docket
WITH COMPARISON OF FLOW : **No. 10678-2US**
ACTIVITY CAPTURED OUTSIDE :
OF A SERVICE NETWORK WITH :
FLOW ACTIVITY CAPTURED IN :
OR AT AN INTERFACE OF A :
SERVICE NETWORK :
:

JC929 U.S. PRO
09/879769
06/12/01



INFORMATION DISCLOSURE STATEMENT

It is requested that the enclosed references listed on the attached Information Disclosure Citation Form PTO-1449A/1449B be considered by the Patent Examiner in connection with the above-identified application and be made of record therein.

Independent consideration and acknowledgment of the enclosed references is respectfully requested.

Respectfully submitted,

WM. CARTER BULLARD

June 12, 2001
(Date)

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Enclosures

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Substitute for form 1449A/PTO		<i>Complete if Known</i>																						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Application Number</td> <td colspan="3"></td> </tr> <tr> <td>Filing Date</td> <td colspan="3"></td> </tr> <tr> <td>First Named Inventor</td> <td colspan="3">Wm. Carter Bullard</td> </tr> <tr> <td>Group Art Unit</td> <td colspan="3"></td> </tr> <tr> <td>Examiner Name</td> <td colspan="3"></td> </tr> </table>			Application Number				Filing Date				First Named Inventor	Wm. Carter Bullard			Group Art Unit				Examiner Name			
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First Named Inventor	Wm. Carter Bullard																							
Group Art Unit																								
Examiner Name																								
Sheet	1	of	2	Attorney Docket Number 10678-2US																				

U.S. PATENT DOCUMENTS				
Exr Initials	U.S. Patent Document		Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code (if known)		

FOREIGN PATENT DOCUMENTS				
Exr Initials	Foreign Patent Document		Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Country Code	Number		
		EP 1039688		X
		EP 1039686		X

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Exr Initials	Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
	ST-DENIS, B. et al. "Multi-service over MPLS" Network Working Group, Copyright © 2000 The Internet Society, 18 pages (November 2000). X ✓			
	HANDELMAN, S. et al. "RTFM: New Attributes for Traffic Flow Measurement," Network Working Group, Request for Comments: 2724, Copyright © 1999 The Internet Society, 17 pages (October 1999). X ✓			
	ALMES, G. et al. "A Round-trip Delay Metric for IPPM," Network Working Group, Request for Comments: 2681, Copyright © 1999 The Internet Society, 16 pages, (September 1999). X ✓			
	ALMES, G. et al. "A One-way Delay Metric for IPPM," Network Working Group, Request for Comments: 2679, Copyright © 1999 The Internet Society, 19 pages, (September 1999). X ✓			
	"Internet Measurement Tool Taxonomy," Cooperative Association for Internet Data Analysis (CAIDA), printout from web site: http://www.caida.org/tools/taxonomy/measurement/ printout date: April 22, 2001, 18 pages, (Last updated according to printout: April 2000). X ✓			
	"Asynchronous Transfer Mode (ATM) Fundamentals Tutorial," Copyright © 2000 The International Engineering Consortium, printout from web site: http://www.iec.org/tutorials/atm_fund/ , 2 pages (Last updated according to printout: March 2001). X ✓			
~	"Asynchronous Transfer Mode (ATM) Fundamentals Tutorial," Section 4. ATM Classes of Services, Copyright © 2000 The International Engineering Consortium, printout from web site: http://www.iec.org/tutorials/atm_fund/topic04.html , 2 pages (Last updated according to printout: August 2000). X ✓			
	SAUSSY, G. "The AXI 540 Router and the Public IP Network Edge," Ericsson Review, No. 4, 182-189 (1999). X ✓			

Examiner Signature		Date Considered
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T, - Place a check mark if English language translation is attached.

County Code - see Phila Doc #52886

Kind Code - see Phila Doc # 99754

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				First Named Inventor	Wm. Carter Bullard
				Group Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	10678-2US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exr Initials	Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ₁
	HERVEY, J. "The VPN puzzle," Copyright © 1998 Advanstar Communications, 8 pages, (April 1998).	X
	VARADARAJAN, S. "Virtual Local Area Networks," printout from web site:	X
	http://www.cis.ohio-state.edu/~jain/cis788-97/virtual_lans/index.htm , (August 1997).	
	Cisco VPN Solution Center: MPLS VPN Data Sheet, Copyright © 2000 Cisco Systems, Inc.,	X
	6 pages, (October 2000).	
	Cisco NetFlow FlowCollector with Network Data Analyzer, Cisco Product Catalog, 2 pages	X
	(May 2001).	

Examiner Signature		Date Considered	
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